CLAIMS

1. An automatic evaluation method for automatically evaluating a program operating on a target system by referring to an output screen as a result of a simulation corresponding to an arbitrary input event, the automatic evaluation method being characterized in that an automatic evaluation is carried out by:

performing the simulation and making reference to the output screen by a number of times corresponding to the number of states of the output screen on which the input event is reflected and which is renewed; and

successively comparing the reference result with reference data corresponding to the number of times which is prepared in advance so that an automatic evaluation is carried out.

2. An automatic evaluation method as set forth in claim 1, characterized in that the number of times is set together with data of the input event.

3. An automatic evaluation system for automatically evaluating a program operating on a target system by referring to an output screen as a result of a simulation corresponding to an arbitrary input event, the automatic evaluation system being characterized by comprising:

output screen reference means for, while the simulation is being performed, referring to the output screen by a number of times corresponding to the number of states of the output screen on which the input event is reflected and which is renewed; and

evaluation means for successively comparing the reference result with reference data corresponding to the number of times which is prepared in advance so that an automatic evaluation is carried out.

4. An automatic evaluation system as set forth in claim 3,

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characterized by further comprising a simulation unit which performs the simulation and reports a display rewriting completion event every time the output screen is renewed by the number of times.

5. A storage medium storing an automatic evaluation program for automatically evaluating a program operating on a target system by referring to an output screen as a result of a simulation corresponding to an arbitrary input event, the storage medium storing the automatic evaluation program being characterized in that

the automatic evaluation program comprises:

a step of reading an input event and reference data prepared in advance for the input event;

a step of successively transmitting the read input event to cause execution of the simulation;

a step of performing the simulation and referring to the output screen by the number of times corresponding to the number of states of the output screen on which the input event is reflected and which is renewed; and

a step of carrying out an automatic evaluation by successively comparing the reference result with reference data corresponding to the number of times which is prepared in advance.

6. A storage medium storing an automatic evaluation program as set forth in claim 5, wherein said program further comprises a step of referring to the output screen every time a display rewriting completion event is received from a simulator, and repeating the automatic evaluation.

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